

## **ABSTRACT**

### **SIGNAL TRANSDUCTION STRESS-RELATED PROTEINS AND METHODS OF USE IN PLANTS**

A transgenic plant transformed by a Signal Transduction Stress-Related Protein (STSRP) coding nucleic acid, wherein expression of the nucleic acid sequence in the plant results in increased tolerance to environmental stress as compared to a wild type variety of the plant. Also provided are agricultural products, including seeds, produced by the transgenic plants. Also provided are isolated STSRPs, and isolated nucleic acid coding STSRPs, and vectors and host cells containing the latter.

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